

# CHAPTER 225 ISSUE AIRWORTHINESS CERTIFICATE FOR AN AIRCRAFT

## Section 1 Background

### 1. PTRS ACTIVITY CODES

A. *Maintenance.* 3402

B. *Avionics.* 5402

**3. OBJECTIVE.** This chapter provides guidance for certificating an aircraft.

**5. GENERAL.** The Manufacturing Inspection District Offices (MIDOs) are responsible for the original airworthi-

ness certification of all aircraft. Even though the Manufacturing Inspection District Offices are given this authority, they have the option, with proper coordination, of delegating this responsibility to a Flight Standards District Office (FSDO) having appropriately qualified Airworthiness Aviation Safety Inspectors (ASIs).

**NOTE: Airworthiness ASIs responsible for all recurrent certifications.**

## Section 2 Procedures

### 1. PREREQUISITES AND COORDINATION REQUIREMENTS

#### A. *Prerequisites*

- Knowledge of the regulatory requirements of FAR Part 21
- Successful completion of Airworthiness Inspector's Indoctrination Course for General Aviation and Air Carrier Inspections, or previous equivalent
- Familiarity with the type and concept of aircraft being certificated

B. *Coordination.* This task requires coordination with the operator/applicant and the Manufacturing Inspection District Office.

### 3. REFERENCES, FORMS, AND JOB AIDS

#### A. *References*

- FAR Parts 39, 45, 47, 91, 121, and 135
- Order 8130.2, Airworthiness Certification of Aircraft and Related Approvals, as amended

- Aircraft manufacturer's manuals

#### B. *Forms*

- Certification forms, as required per Order 8130.2, Appendix 1, as amended

#### C. *Job Aids.* None.

### 5. PROCEDURES

#### A. *Review the Application.* Review for the following:

- Eligibility
- Completeness
- Whether the product is "new/original" or "used/recurrent"

#### B. *Inspect the Product*

(1) Coordinate with operator/applicant to schedule inspection of product.

(2) Ensure that the aircraft conforms to the requirements of the type certificate data sheet per Order 8130.2, Airworthiness Certification of Aircraft and Related Approvals, as amended.

(3) Review aircraft/engine records as necessary.

C. *Complete Forms*. Complete the applicable forms in accordance with the requirements of Order 8130.2, as amended.

## 7. TASK OUTCOMES

A. *File PTRS Transmittal Form*

B. Successful completion of this task will result in the issuance of a certificate.

C. *Document Task*. File all supporting paperwork in the operator/applicant's office file.

9. **FUTURE ACTIVITIES.** None.